



Philips 7000 series
Smart LED TV with
Ambilight Spectra 2 and
Pixel Precise HD

42"

Easy 3D DVB-T/C



42PFL7696H

Be part of the action!

with Ambilight and 3D TV

Experience cinema at home with a Philips 7000 series 42" 3D TV. The 42PFL7696 3D TV combines powerful LED pictures and the immersion of Ambilight to deliver an immersive 3D movie experience. Be assured you will always be part of the action.

Intensify your viewing experience

- Ambilight Spectra 2 widens the viewing experience
- Easy 3D for a truly immersive 3D movie experience

Action captured in stunning detail

- Full HD TV with Pixel Precise HD for details in action
- Brilliant LED images with low power consumption
- 600Hz Perfect Motion Rate (PMR) for superb motion sharpness
- Perfect Natural Motion for ultra smooth Full HD movies

Authentic and clear sound experience

- Feel the power of 28W RMS and Incredible Surround

Enjoy the online world with Smart TV

- A wealth of online apps, videos to rent and catch-up TV
- Control the TV with your smart phone, tablet or keyboard
- Enjoy photos, music and movies from any device on your TV
- Record or pause your program easily

PHILIPS
sense and simplicity

Highlights

Ambilight Spectra 2



Add a new dimension to your viewing experience with Ambilight Spectra 2. This patented Philips technology enlarges the screen by projecting a glow of light, on the 2 sides of the TV, from the back of the screen onto the surrounding wall. Ambilight adjusts automatically the colour and brightness of the light to match the picture, creating an immersive viewing experience. The wall adaptive function ensures that the color of the light always matches the picture, no matter what the color of your wall. With Ambilight Spectra 2 movies truly come to life!

Pixel Precise HD

Pixel Precise HD builds on the award winning Pixel Plus foundation. It brings the high definition picture quality to the next level with 4 trillion colours. With Super Resolution, Pixel Precise HD now brings you the best HD TV picture quality whether you are watching a video from the internet or good quality Blu-ray movies.

Easy 3D



Easy 3D ensures you get long hours of comfort while watching 3D thanks to the flicker free, low ghosting performance. The compatible 3D

glasses are light weight and do not require batteries. Enjoy 3D easily at home today!

LED



LED lighting technology is the most advanced available. In this TV it combines an eyecatching minimalistic design with stunning image quality and on top the lowest power consumption in its category. An other environmental benefit is that LED lighting technology does not contain hazardous materials. With LED backlight you can enjoy low power consumption, high brightness, incredible contrast and sharpness and vibrant colors.

Perfect Natural Motion



Enjoy the action without any judder. Perfect Natural Motion estimates motion in the picture and corrects juddering movements in both broadcast and pre-recorded movie material (including 1080p movies and 24p True Cinema on Blu-ray and DVD). The result is even smoother and quieter pictures with excellent sharpness. Enjoy motion performance that surpasses cinema quality!

Net TV online apps



Rent movies directly on your TV from online video stores, watch catch-up TV from your favorite channels and enjoy a rich selection of online apps with Net TV. You can also browse the open internet.

28W RMS Incredible Surround

Feel the power of the music beat and the atmosphere of the movies. The powerful 28W RMS (2x14W RMS) amplifiers create a lifelike soundstage. The Incredible Surround allows you to experience total surround with greater depth and width of sound. It gives a clear and spacious sound stage complementary to the rich viewing experience.

Energy Class A

EU Energy Label

For many years Philips has pro-actively been working on the reduction of both on-mode and standby power consumption of its televisions and as a result most Philips televisions has achieved green EU energy labels in 2010. The greener the label, the lower the on-mode power consumption and the lower your energy bill and friendlier to the environment.

Smart TV

Smart TV for an easier TV experience in 4 areas. Net TV lets you rent movies, watch catch-up TV and enjoy social media. Control your TV with your Smartphone or tablet. Use SimplyShare to enjoy multimedia content from your computer, phone & tablet on your TV. Record your TV programs easily without additional bulky devices.



Pixel
Precise HD



Specifications

Ambilight

- Ambilight Features: Ambilight Spectra 2, Wall colour adaptive, Lounge light mode

3D System Requirements

- 3D Source device: 3D capable BluRay player, or 3D capable Set-top box

Picture/Display

- Display: edge LED backlight
- Panel resolution: 1920x1080p
- 3D: Easy3D*
- Aspect ratio: 16:9
- Brightness: 450 cd/m²
- Peak Luminance ratio: 65 %
- Dynamic screen contrast: 500,000 : 1
- Response time (typical): 2 ms
- Picture enhancement: Pixel precise HD, Perfect Natural Motion, Active Control + Light sensor, Super Resolution, Smart Picture, 600 Hz Perfect Motion Rate

Sound

- Output power (RMS): 2 x 14W, Invisible Sound
- Sound Enhancement: Auto Volume Leveller, Clear Sound, Incredible Surround, Smart Sound, Treble and Bass Control

Smart TV Applications

- Control: Philips MyRemote app, for Android & iOS Smartphones, USB Keyboard & Mouse support
- Program: Pause TV, USB recording
- SimplyShare: Catch-up TV, DLNA media browser, movie rental store, Net TV, USB media browser, WiFi MediaConnect*

Connectivity

- Number of HDMI connections: 4
- HDMI features: 3D, Audio Return Channel
- EasyLink (HDMI-CEC): Remote control pass-through, System audio control, System standby, Pixel Plus link (Philips), One touch play
- Number of component in (YPbPr): 1
- Number of scarts (RGB/CVBS): 1
- Number of USBs: 2
- Other connections: Antenna IEC75, Common Interface Plus (CI+), Ethernet-LAN RJ-45, SD card slot (Videostore), Digital audio out (optical), PC-in VGA + Audio L/R in, Headphone out, Service

connector

Multimedia Applications

- Multimedia connections: USB
- Video Playback Formats: Codec support:, Containers: AVI, MKV, H264/MPEG-4 AVC, MPEG-1, MPEG-2, MPEG-4, WMV9/VC1
- Music Playback Formats: AAC, MP3, WMA (v2 up to v9.2)
- Picture Playback Formats: JPEG
- Net TV: Included

Supported Display Resolution

- Computer inputs: up to 1920x1080 @ 60Hz
- Video inputs: 24, 25, 30, 50, 60 Hz, up to 1920x1080p

Convenience

- PC network link: DLNA 1.5 certified
- Electronic Program Guide: 8day Electronic Program Guide*
- Ease of Installation: Auto detect Philips devices, Channel installation wizard, Device connection wizard, Network installation wizard, Settings assistant wizard
- Ease of Use: One-stop Home button, Onscreen Usermanual, Touch control buttons
- Screen Format Adjustments: Autofill (no black bars), Autozoom (original format), Movie expand 16:9, Super Zoom, unscaled (1080p dot by dot), Widescreen
- Signal strength indication
- Teletext: 1200 page Hypertext
- Firmware upgradeable: Firmware auto upgrade wizard, Firmware upgradeable via USB, Online firmware upgrade

Tuner/Reception/Transmission

- Aerial Input: 75 ohm coaxial (IEC75)
- Digital TV: DVB-C MPEG4*, DVB-T MPEG4*
- TV system: DVB COFDM 2K/8K
- Video Playback: NTSC, PAL, SECAM

Power

- Mains power: 220 - 240V, 50/60Hz
- Ambient temperature: 5 °C to 40 °C
- Energy Label Class: A
- Annual energy consumption: 86 kW h
- Standby power consumption: < 0.15 W

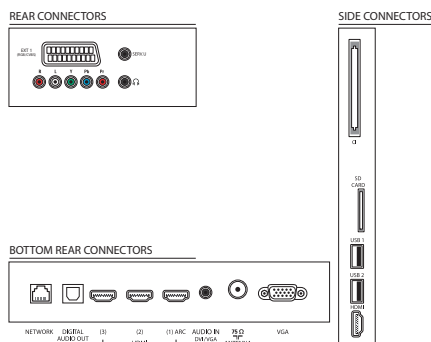
- Off mode power consumption: < 0.01 W
- Power Saving Features: 0 Watt Power-off switch, Eco mode, Light sensor

Dimensions

- Box dimensions (W x H x D): 1065 x 693 x 158 mm
- Set dimensions (W x H x D): 992 x 586 x 37.8 mm
- Set dimensions with stand (W x H x D): 992 x 660 x 254 mm
- Product weight: 13 kg
- Product weight (+stand): 15.8 kg
- Compatible wall mount: 400 x 400mm

Accessories

- Included accessories: Power cord, Remote Control, 2 x AAA Batteries, 4x 3D glasses, Tabletop swivel stand, Quick start guide, 3D Health Guide, Legal and safety brochure, Warranty Leaflet
- Optional accessories: 3D glasses PTA416, Wireless USB adaptor (PTA01)



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- * Net TV: Visit www.philips.com/tv to discover the services offering in your country.
- * Health Warning:
 - * If you or your family has a history of epilepsy or photosensitive seizures, consult a medical professional before exposing yourself to flashing light sources, rapid image sequences or 3D viewing.
 - * To avoid discomfort such as dizziness, headache or disorientation, we recommend not watching 3D for extended periods of time. If you experience any discomfort, stop watching 3D and do not immediately engage in any potentially hazardous activity until you symptoms have disappeared.
 - * Parents should monitor their children during 3D viewing and ensure they do not experience any discomfort as mentioned above. Watching 3D is not recommended for children under 6 years of age as their visual system is not fully developed yet.
 - * Do not use the 3D glasses for any purpose other than watching 3D TV.
- * CHOKING HAZARD - Do not let children under 3 years of age play with the 3D glasses, they could choke on the battery lid or battery.
- * The TV supports DVB reception for 'Free to air' broadcast. Specific DVB operators may not be supported. An up to date list can be found in the FAQ section of the Philips support website. For some operators Conditional Access and subscription are required. Contact your operator for more information.
- * 8 days EPG, service not available in all countries
- * USB recording only for digital channels covered by the TV IP bases Electronic Programme Guide (country and channel restrictions may apply), recordings may be limited by broadcast copy protection (CI+). An internet connection is required.